



# SEQUENCE LISTING

<110> VIOVY, Jean-Louis  
WEBER, Jeremie  
STOPPA-LYONNET, Dominique

<120> Method and compositions for assaying mutations in nucleic acids  
and their uses in diagnosis of genetic diseases and cancers

<130> 121697

<140> US 10/582,868

<141> 2007-04-25

<150> PCT/IB03/06016

<151> 2003-12-16

<150> PCT/IB04/04171

<151> 2004-12-16

<160> 15

<170> PatentIn version 3.5

<210> 1

<211> 311

<212> DNA

<213> Homo Sapiens

<400> 1

```
gttctgattg ctttttattc caatatctta aatggtcaca gggttatttc agtgaagagc      60
agttaagagc cttgaataat cacaggcaaa tgttgaatga taagaaacaa gtcagatcc      120
agttggaaat taggaaggcc atggaatctg ctgaacaaaa ggaacaaggt ttatcaaggg      180
atgtcacaa cgtgtggaag ttgcgtattg taagctattc aaaaaaagaa aaagattcag      240
gtaagtatgt aaatgctttg tttttatcag ttttattaac ttaaaaaatg accttactaa      300
caaaatgatt a                                                                311
```

<210> 2

<211> 319

<212> DNA

<213> Homo Sapiens

<400> 2

```
cactggttaa aactaagggtg ggattttttt ttaaatagat ttaggaccaa taagtcttaa      60
ttggtttgaa gaactttctt cagaagctcc accctataat tctgaacctg cagaagaatc      120
tgaacataaa aacaacaatt acgaacaaaa cctattttaa actccacaaa ggaaaccatc      180
ttataatcag ctggcttcaa ctccaataat attcaaagag caagggtga ctctgccgct      240
gtaccaatct cctgtaaaag aatagataaa ttcaaattag acttaggtaa gtaatgcaat      300
atggtagact ggggagaac                                                                319
```

<210> 3  
 <211> 251  
 <212> DNA  
 <213> Homo Sapiens

<400> 3  
 tggcgatggt tttctccttc catttatctt tctaggtcat ccccttctaa atgcccacatca 60  
 ttagatgata ggtggtacat gcacagttgc tctgggagtc ttcagaatag aaactaccca 120  
 tctcaagagg agctcattaa ggttggtgat gtggaggagc aacagctgga agagtctggg 180  
 ccacacgatt tgacggaaac atcttacttg ccaaggcaag atctaggtaa tatttcatct 240  
 gctgtattgg a 251

<210> 4  
 <211> 252  
 <212> DNA  
 <213> Homo Sapiens

<400> 4  
 gtggtacatg cacagttgct ctgggagtct tcagaataga aactacccat ctcaagagga 60  
 gctcattaag gttggtgatg tggaggagca acagctggaa gagtctgggc cacacgattt 120  
 gacggaaaca tcttacttgc caaggcaaga tctaggtaat atttcatctg ctgtattgga 180  
 acaaacactt tgattttact ctgaatccta cataaagata ttctgggttaa ccaactttta 240  
 gatgtactag tc 252

<210> 5  
 <211> 247  
 <212> DNA  
 <213> Homo Sapiens

<400> 5  
 cttcagaata gaaactaccc atctcaagag gagctcatta aggttggtga tgtggaggag 60  
 caacagctgg aagagtctgg gccacacgat ttgacggaaa catcttactt gccaaaggcaa 120  
 gatctaggta atatttcato tgctgtattg gaacaaacac tttgatttta ctctgaatcc 180  
 tacataaaga tattctgggt aaccaacttt tagatgtact agtctatcat ggacactttt 240  
 gttatac 247

<210> 6  
 <211> 205  
 <212> DNA  
 <213> Homo Sapiens

<400> 6  
 tgtatttttt taatgacaat tcagtttttg agtaccttgt tatttttgta tattttcagc 60  
 tgcttggtgaa ttttctgaga cggatgtaac aaatactgaa catcatcaac ccagtaataa 120

tgatttgaac accactgaga agcgtgcagc tgagaggcat ccagaaaagt atcagggtag 180  
 ttctgtttca aacttgcattg tggag 205

<210> 7  
 <211> 380  
 <212> DNA  
 <213> Homo Sapiens

<400> 7  
 agtagtagaa tgttaccaag attatTTTTg acctaagtta tagttagaat acttcattat 60  
 tttatatgat ggatgtacaa ttgttcttat ctaatttacc acttttacag aaacagctgt 120  
 tataccatt aatgggttcac ctogaacacc caggcgaggt cagaacagga gtgcacggat 180  
 agcaaaacaa ctagaaaatg atacaagaat tattgaagtt ctctgtaaag aacatgaatg 240  
 taatatagat gaggtaatTT aacttcatga tttctttaaa acagttaaag tagatttaga 300  
 tgtaagttct ccctaacaat atttacttct tttgttatga gcatgttttt tttgtaatta 360  
 gtgctaactc ttttgcatga 380

<210> 8  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
 as identified in Figure 14

<400> 8  
 tggcgatggt tttctccttc c 21

<210> 9  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
 as identified in Figure 14

<400> 9  
 ccatttatct ttctaggtca tccc 24

<210> 10  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
 as identified in Figure 14

<400> 10  
 ccagacttct aggtgttctt gcg 23

<210> 11  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
 as identified in Figure 14

<400> 11  
 cagctgggag atatggtgcc tc 22

<210> 12  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
 as identified in Figure 14

<400> 12  
 tccaatacag cagatgaa 18

<210> 13  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
 as identified in Figure 14

<400> 13  
 gctatttttc taaagtgggc 20

<210> 14  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
 as identified in Figure 14

<400> 14  
 gggcttaatt aagtataac 19

<210> 15  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> amplification primer by PCR of a DNA fragment coding for BRCA-1  
as identified in Figure 14

<400> 15

gatggattaa cagtttcaa

19